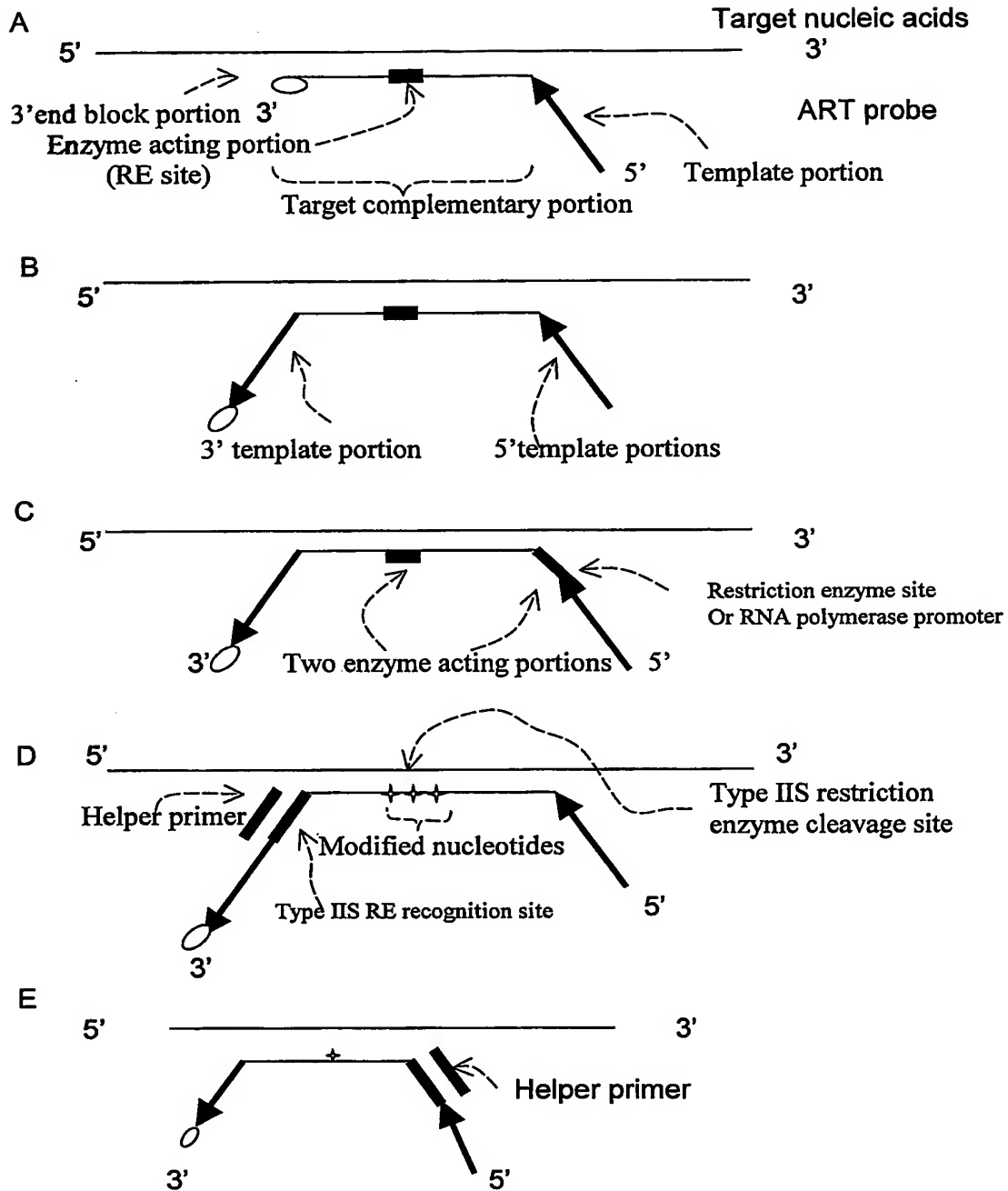


1/19

FIG. 1 Examples of ART probes



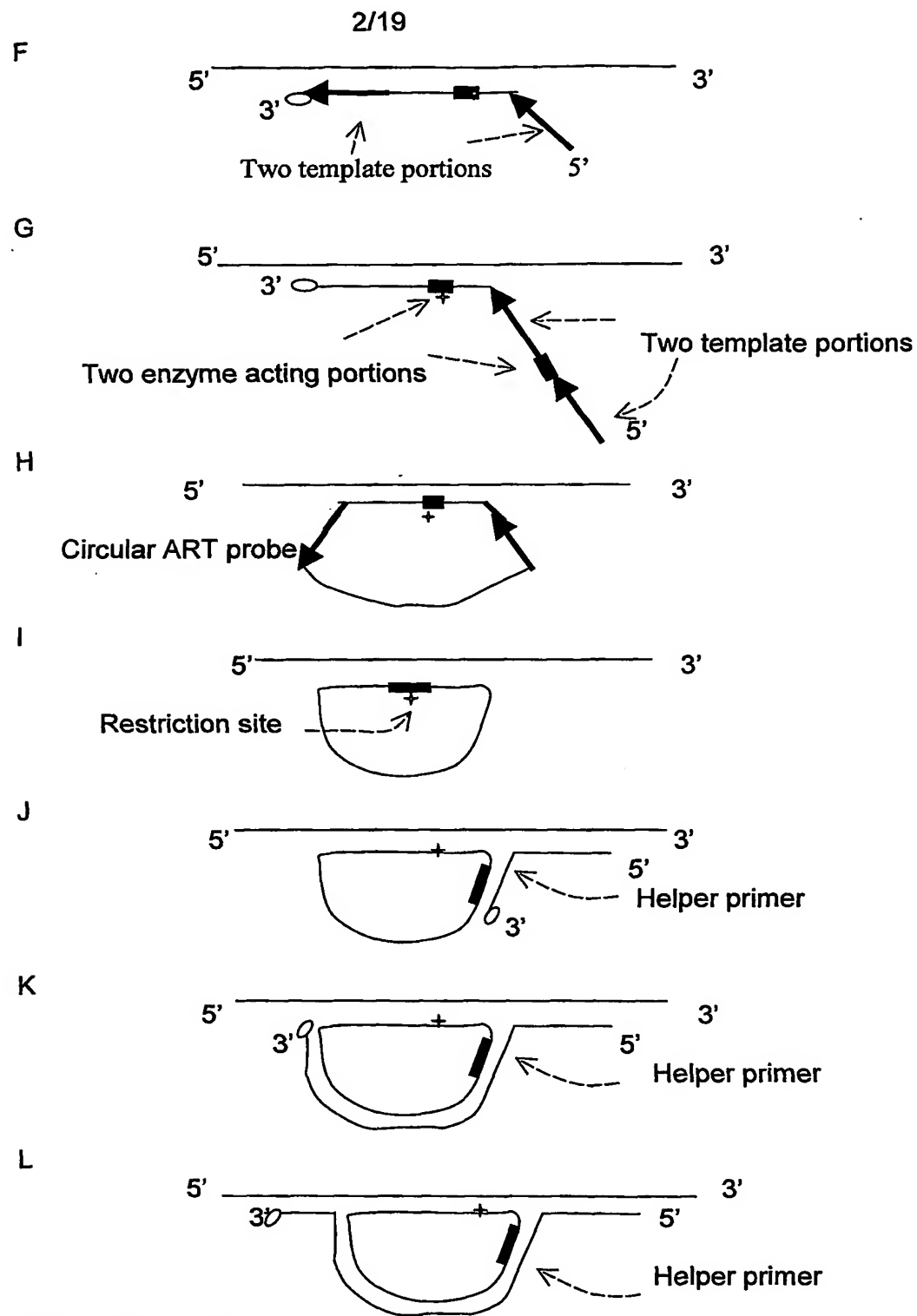
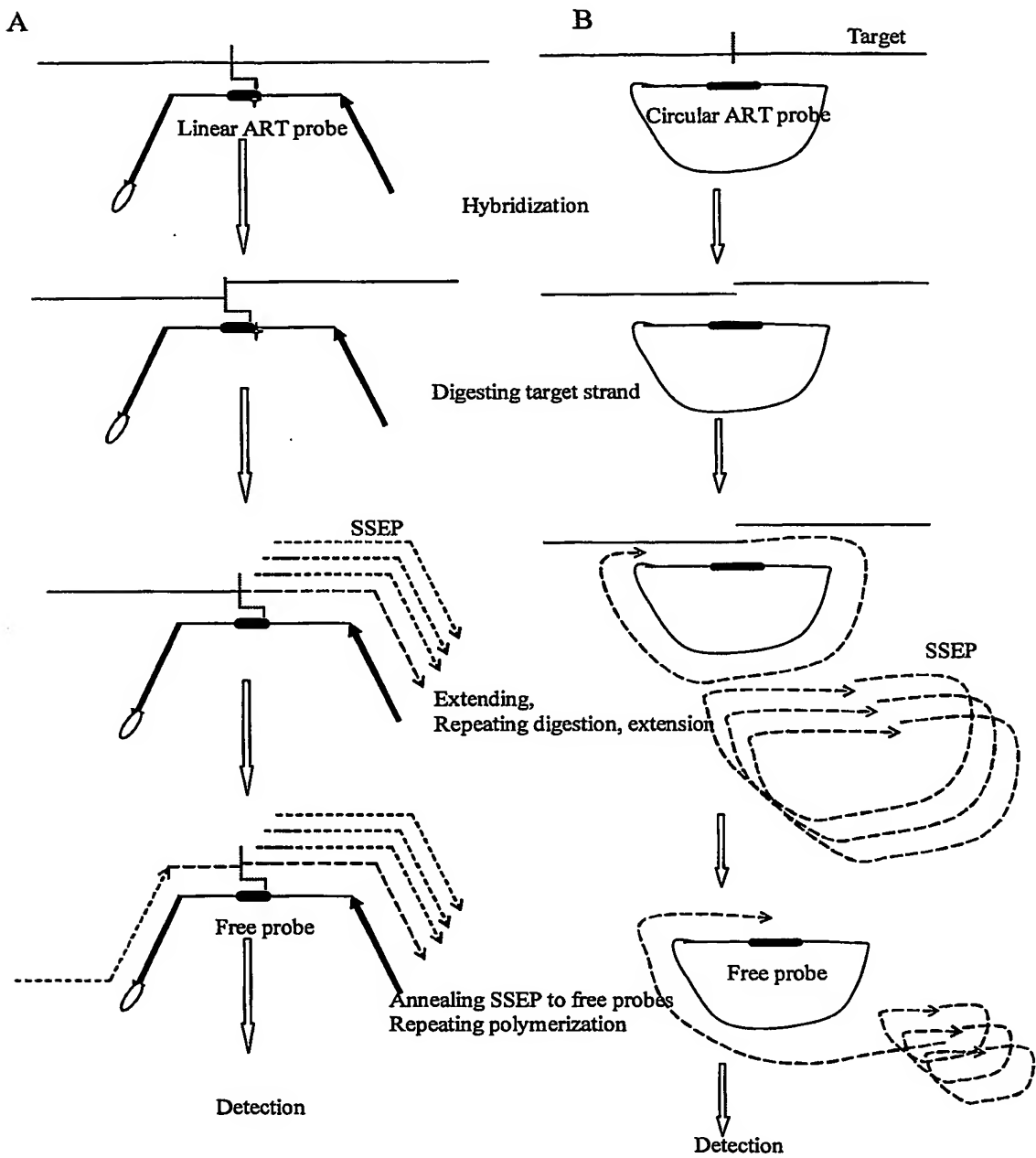


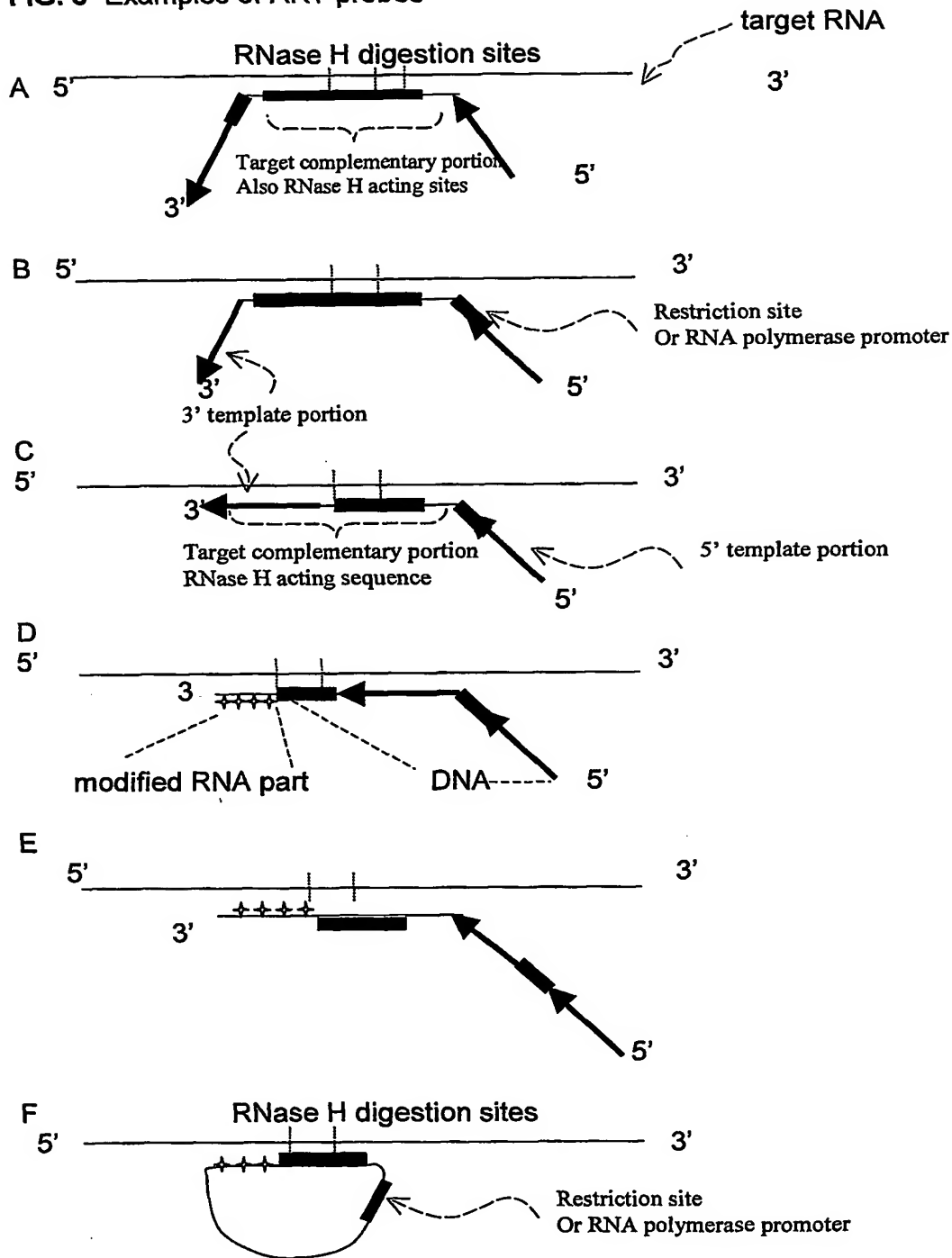
FIG. 1 (continued)

FIG.2 Examples of CELA



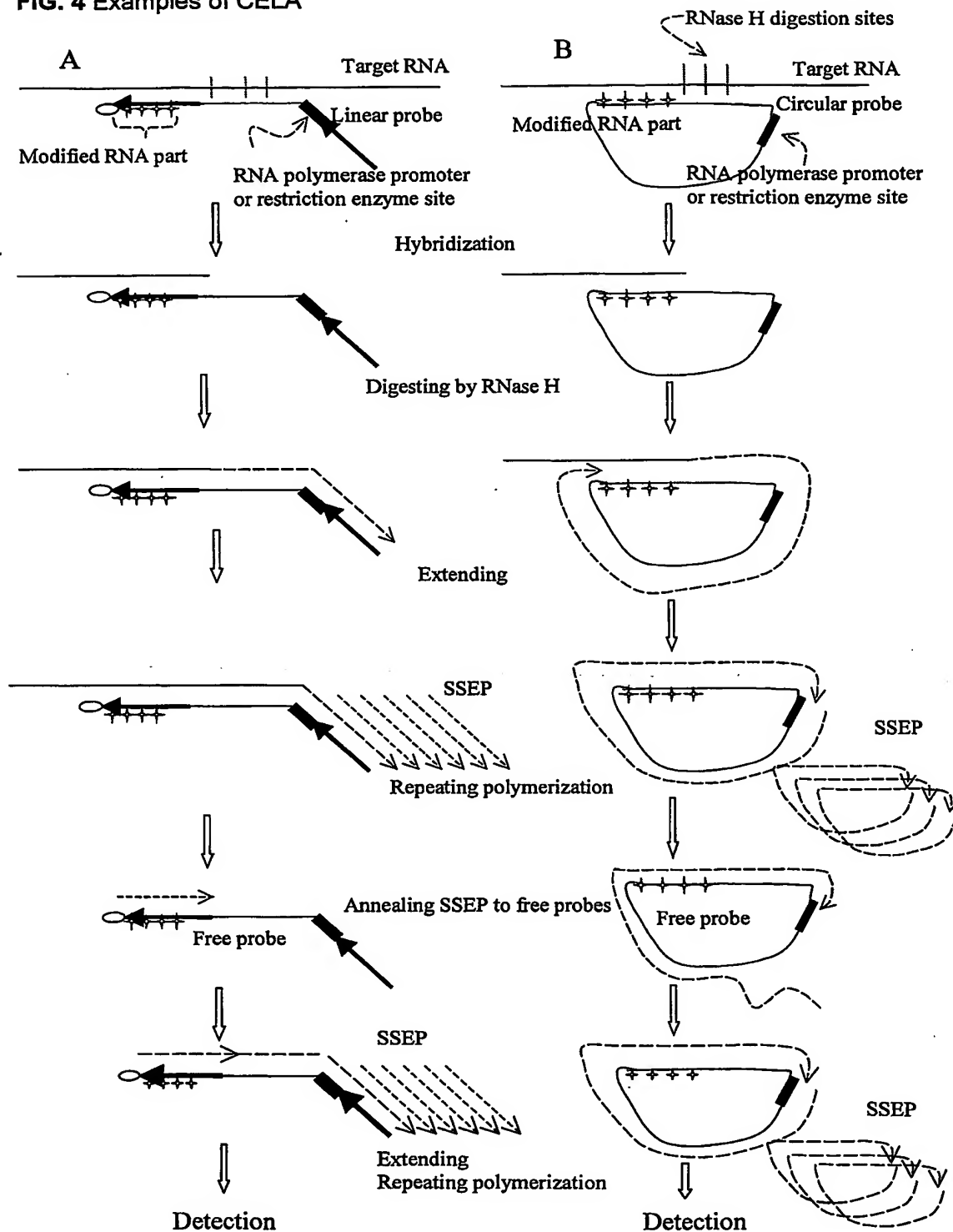
4/19

FIG. 3 Examples of ART probes



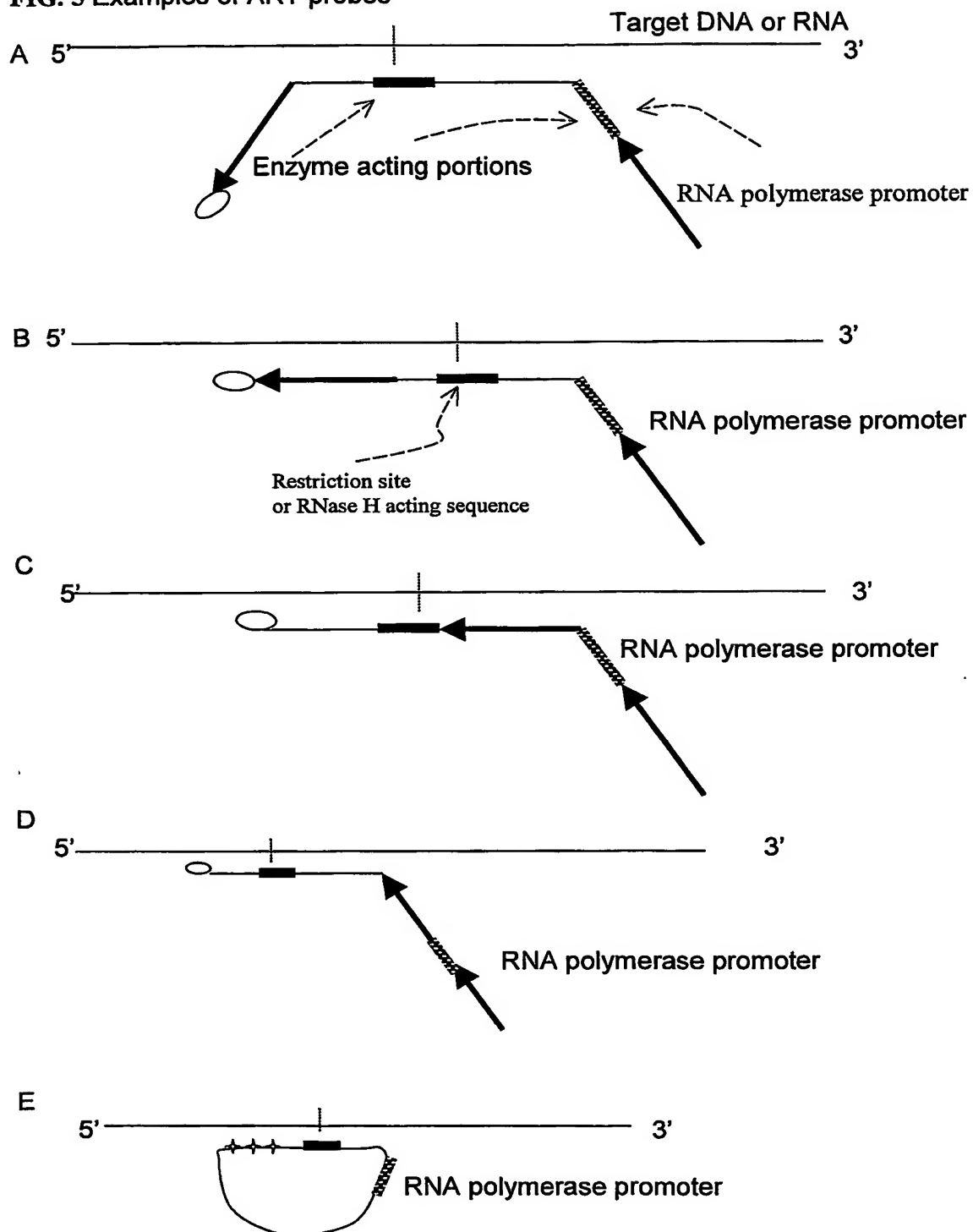
5/19

FIG. 4 Examples of CELA



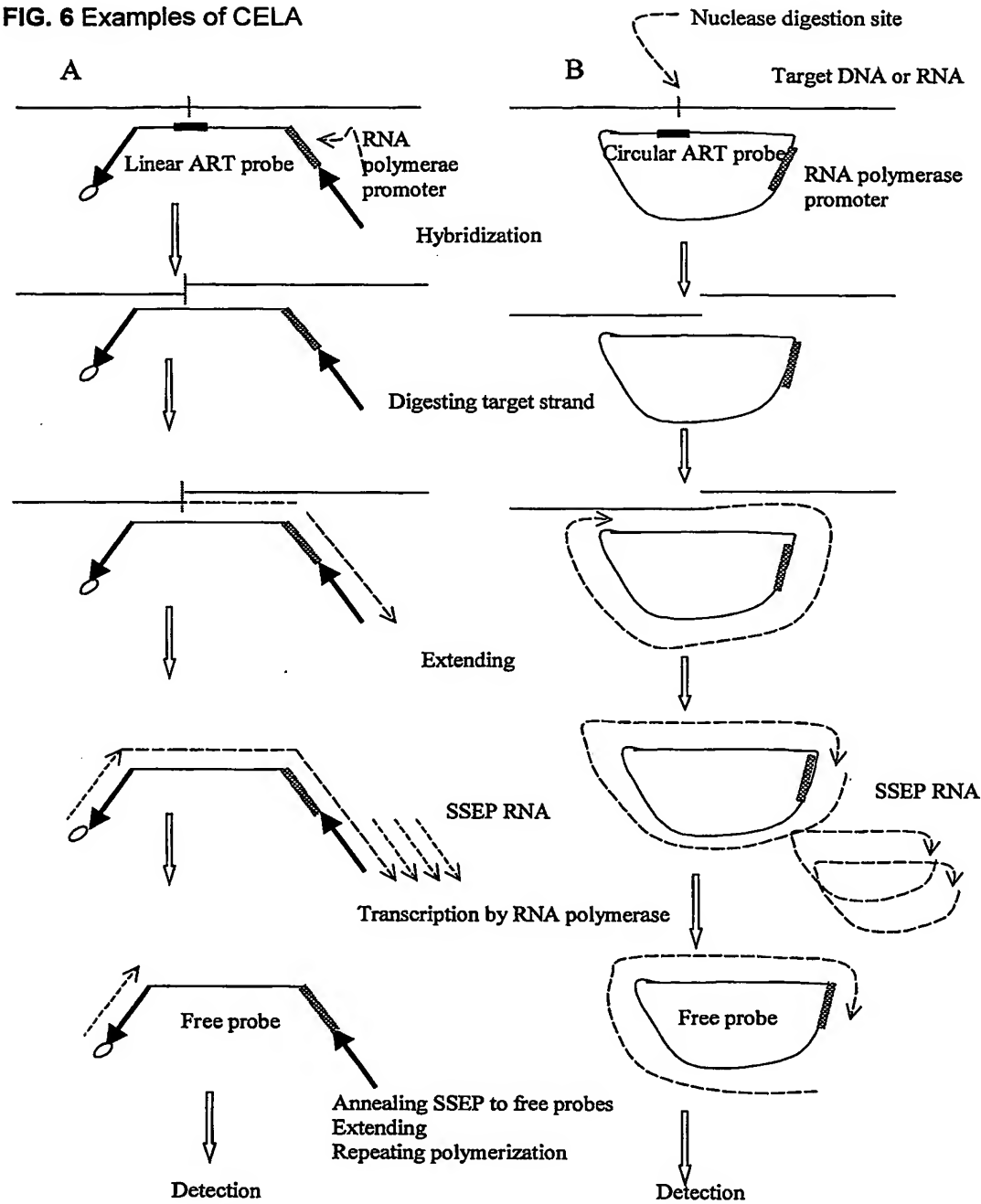
6/19

FIG. 5 Examples of ART probes

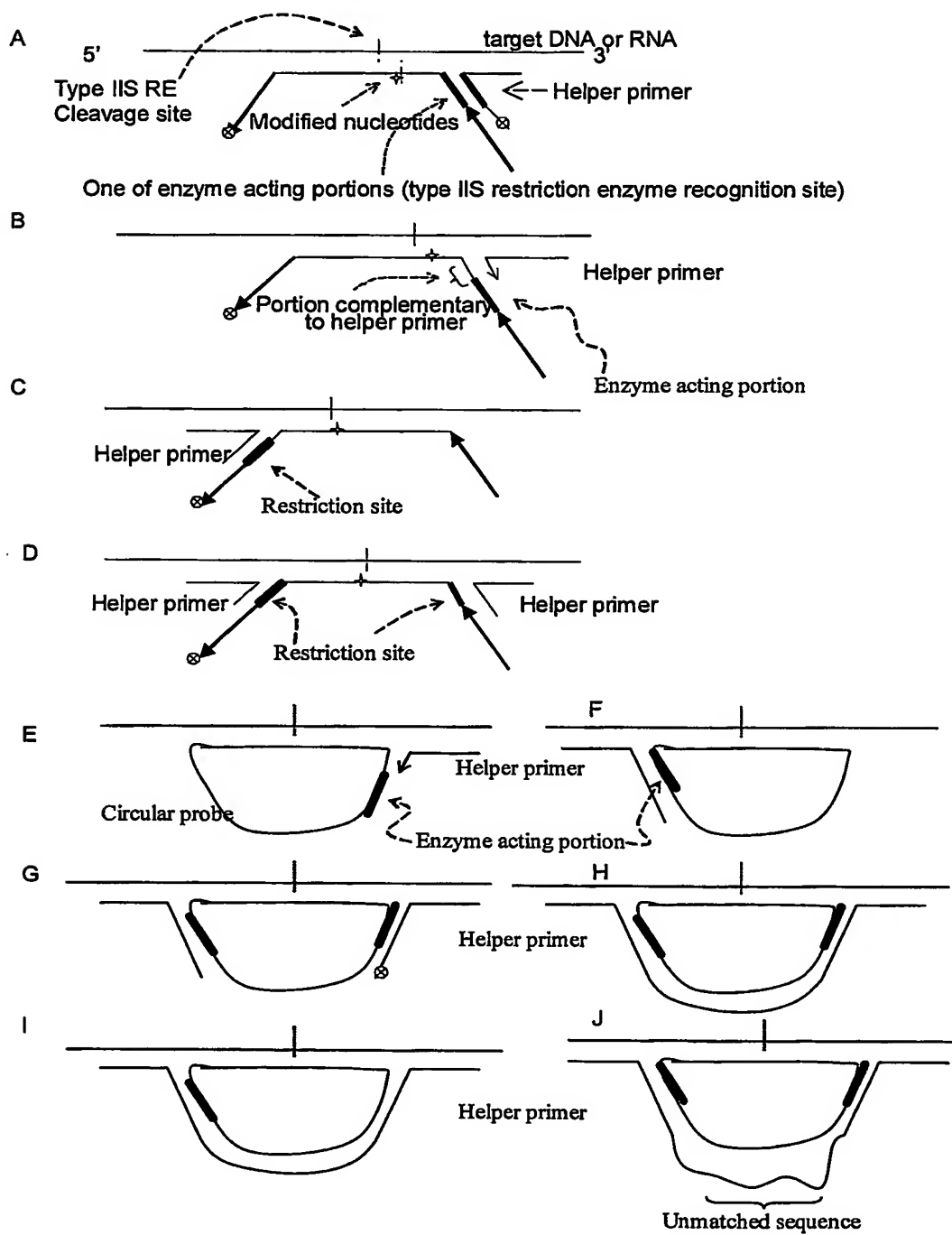


7/19

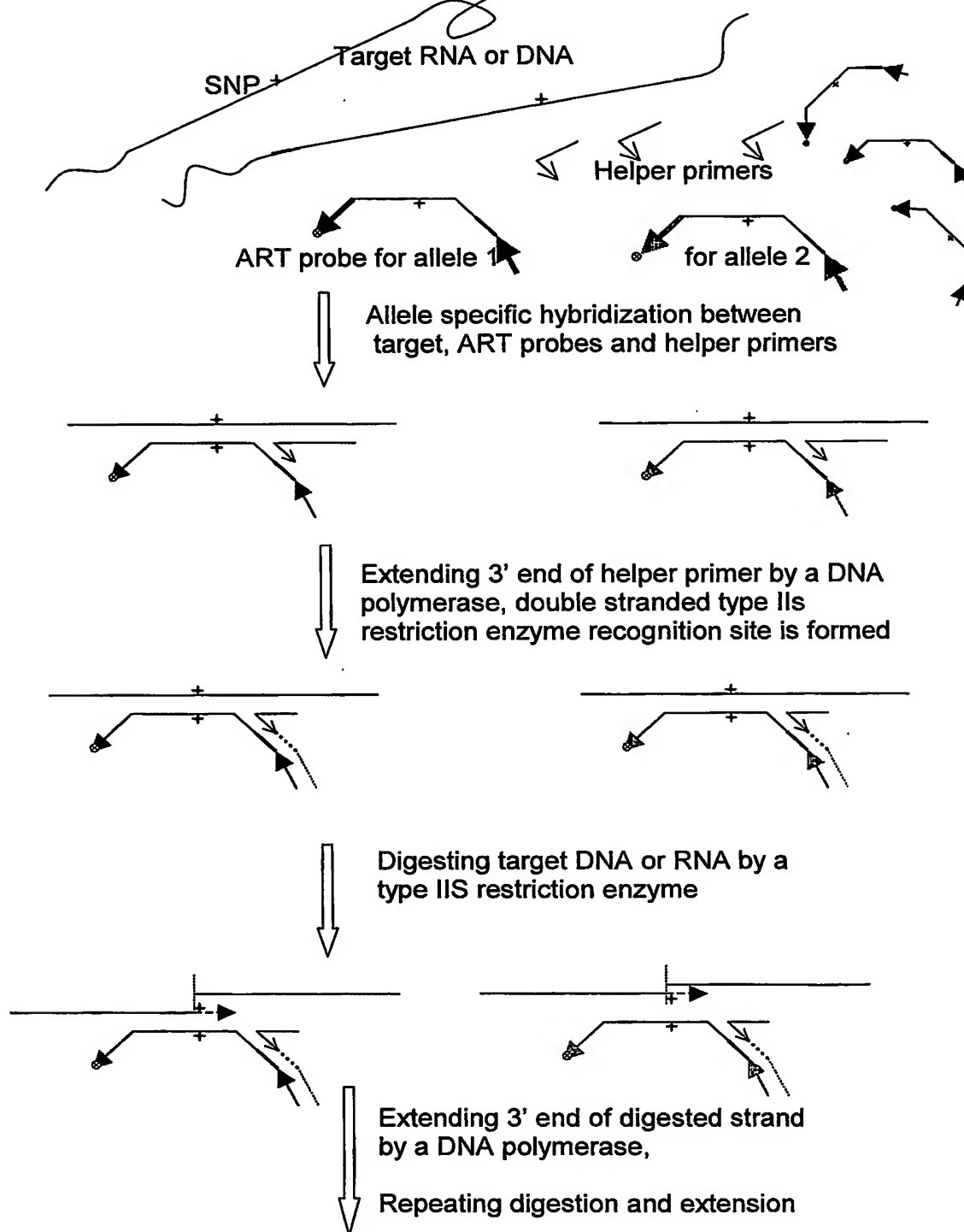
FIG. 6 Examples of CELA



8/19

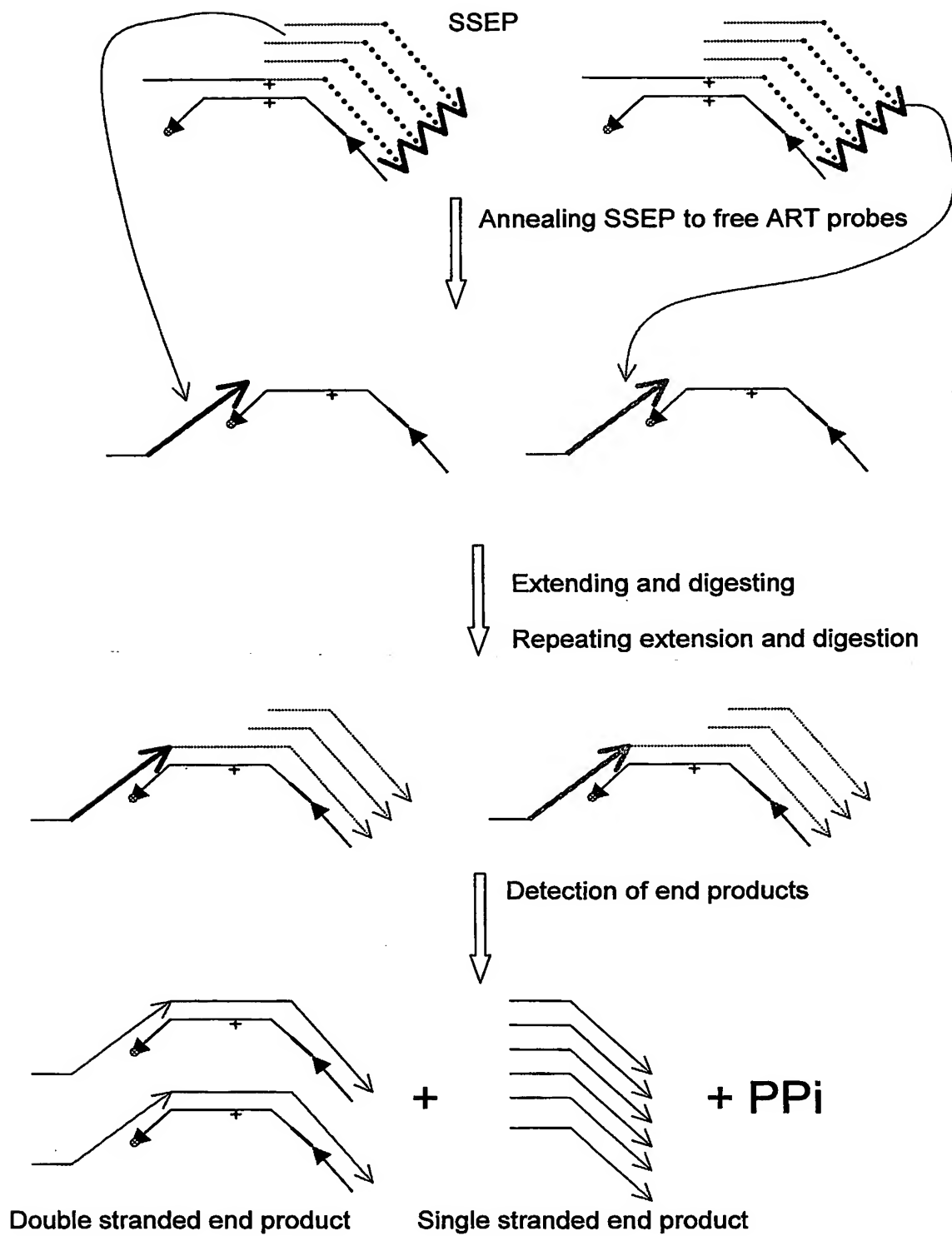
FIG. 7 Examples of ART probes comprising Type IIS restriction site

9/19

FIG. 8A Example of CELA for SNP genotyping

10/19

Fig. 8A (continued)



11/19

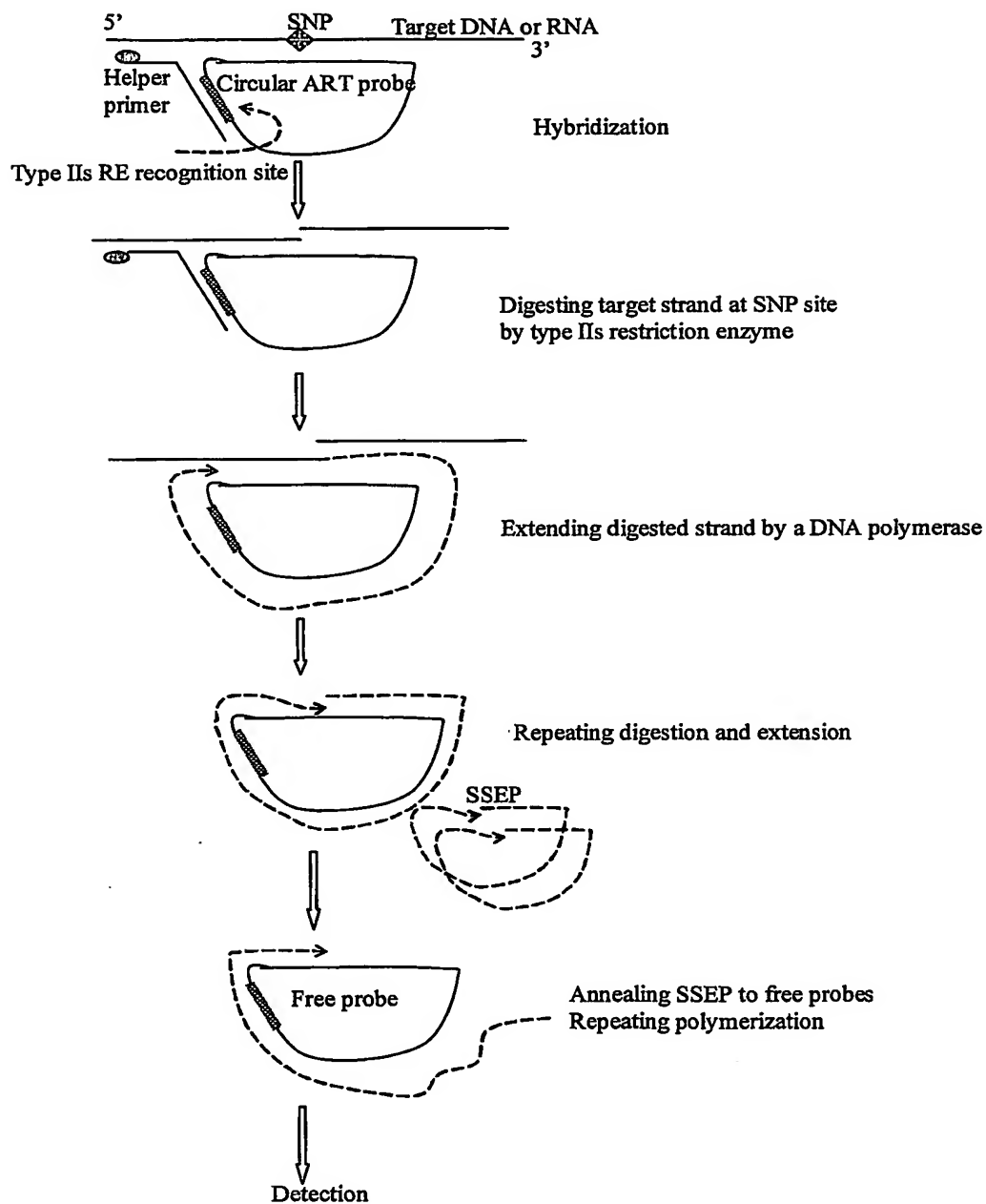
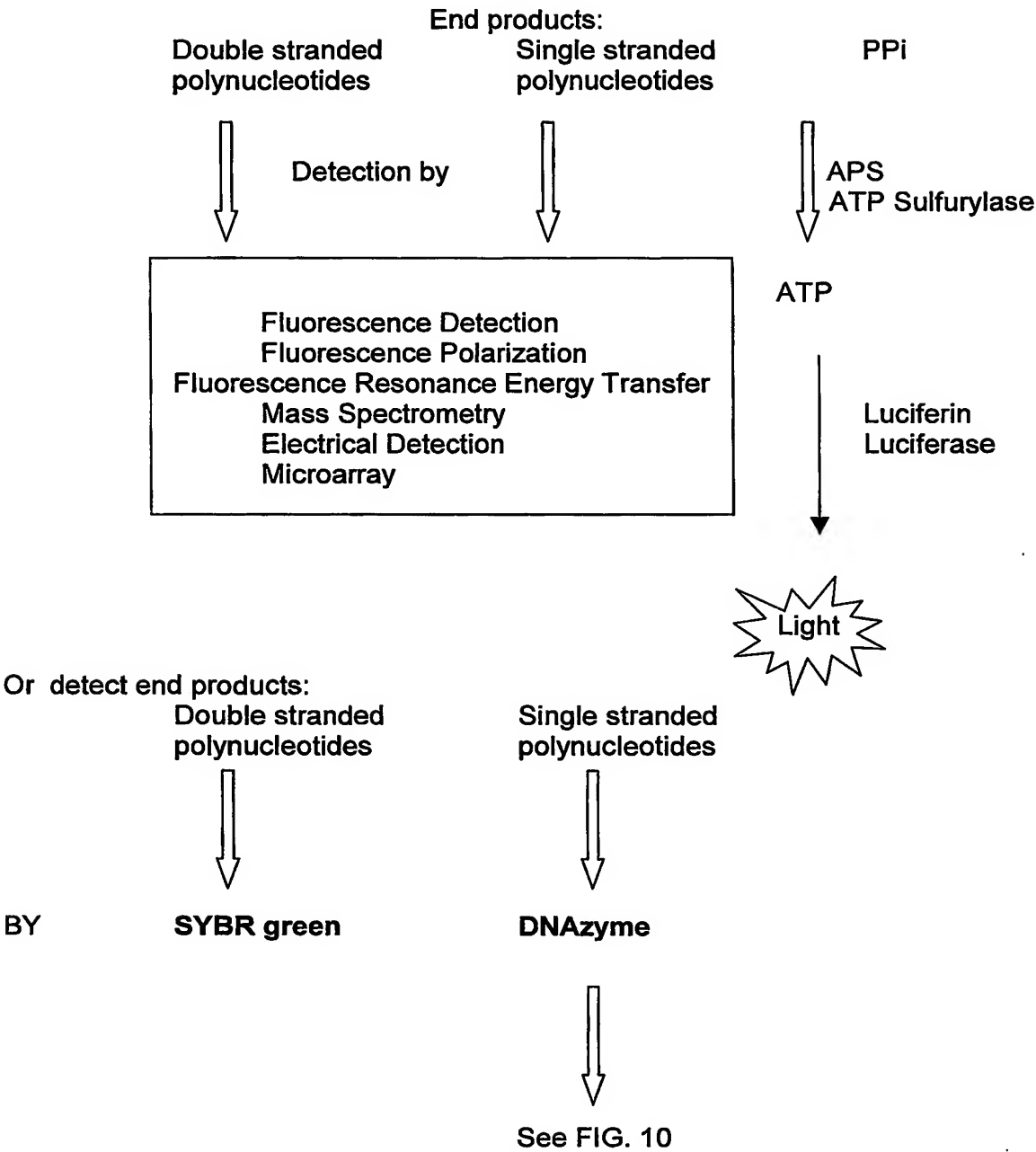
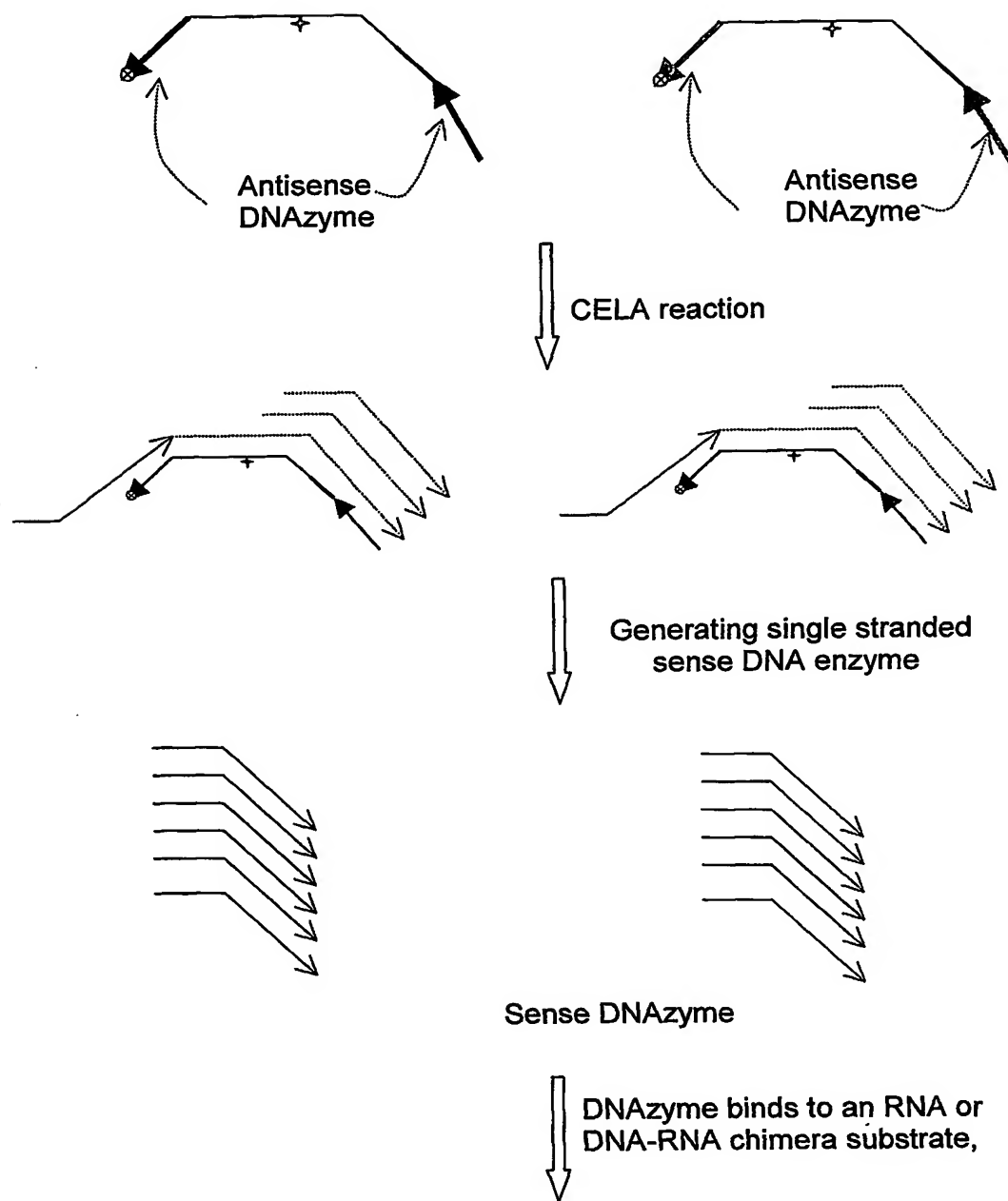
FIG. 8B An example of using circular ART probe for SNP genotyping

FIG. 9 Examples of detection methods



13/19

FIG. 10 Detection of single stranded end product using DNA enzyme

14/19

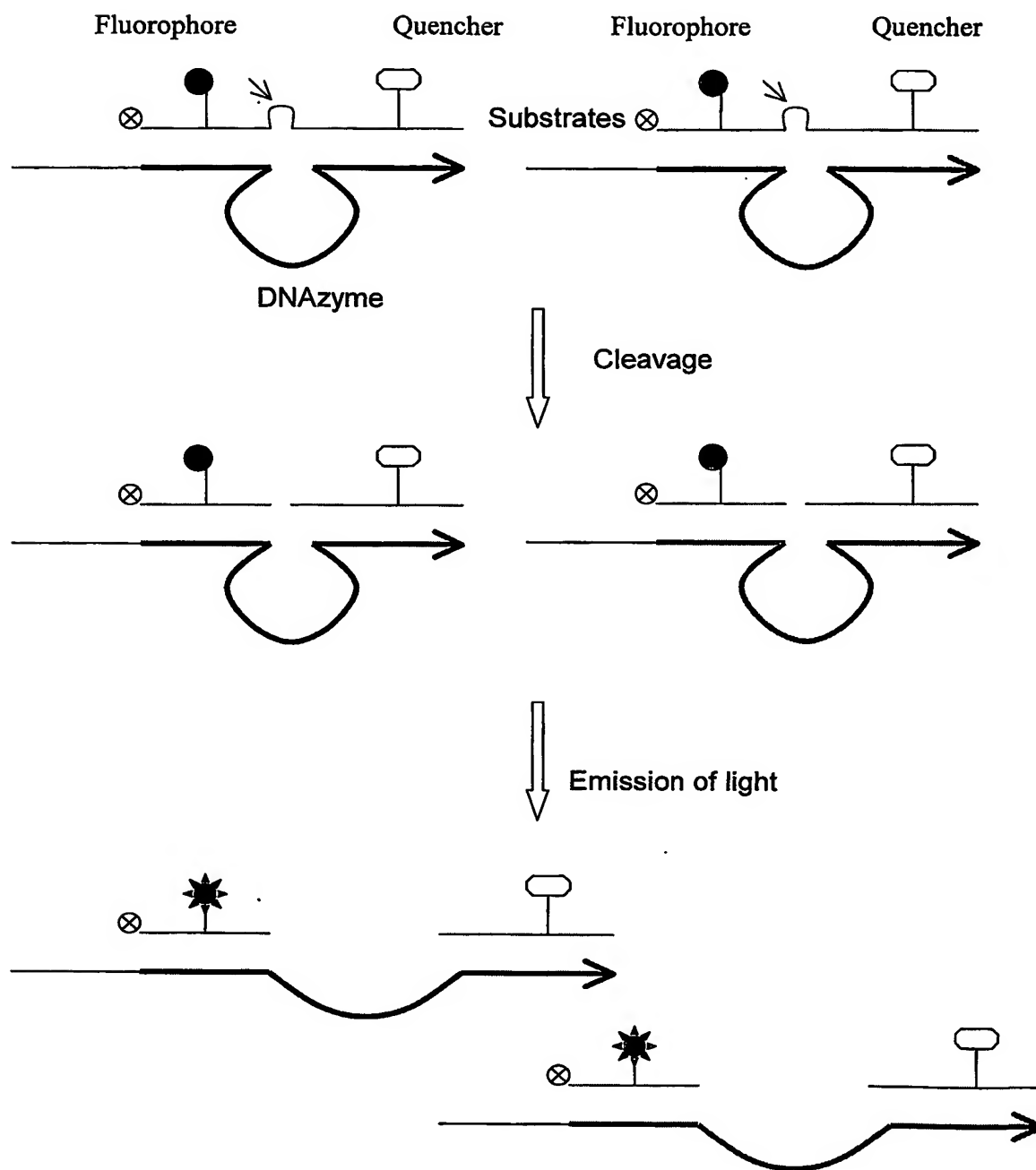


FIG. 10 (continued)

FIG. 11

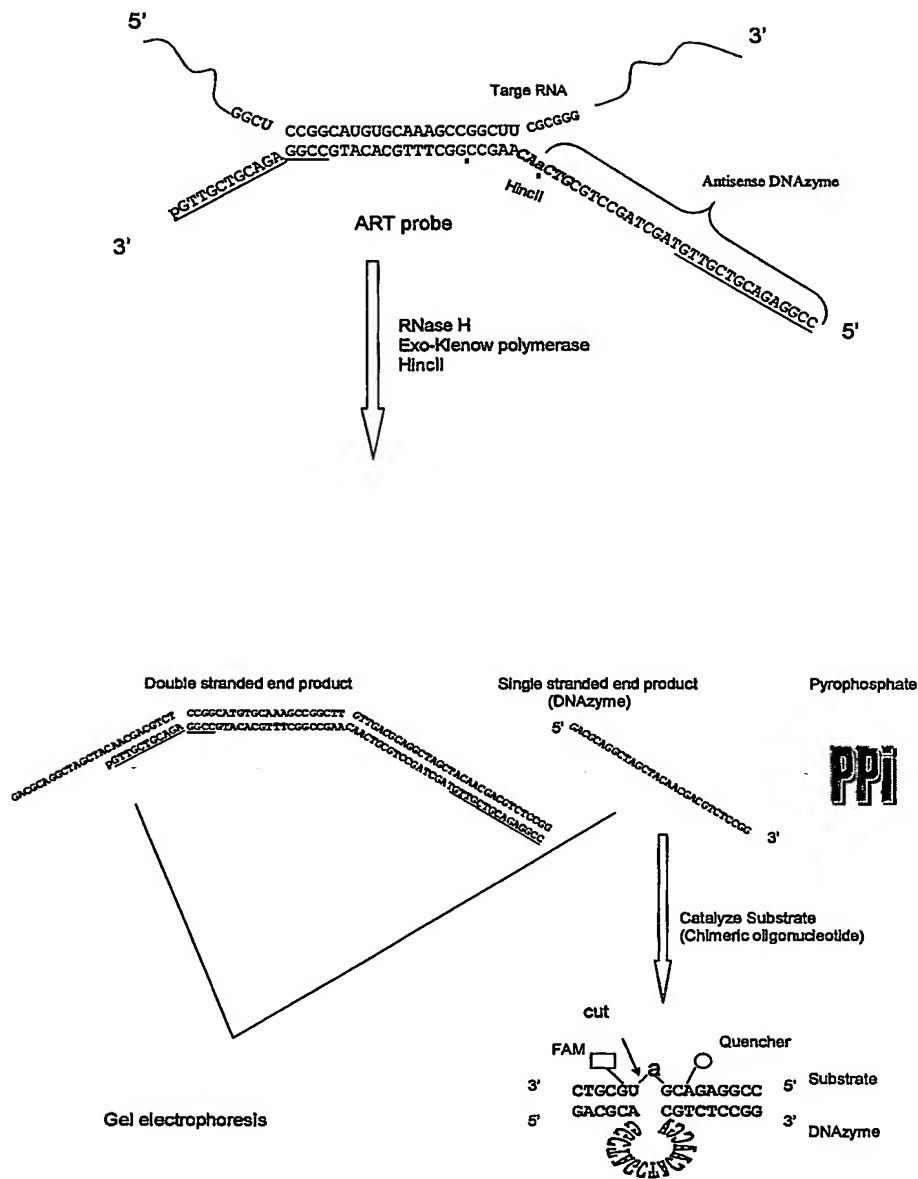
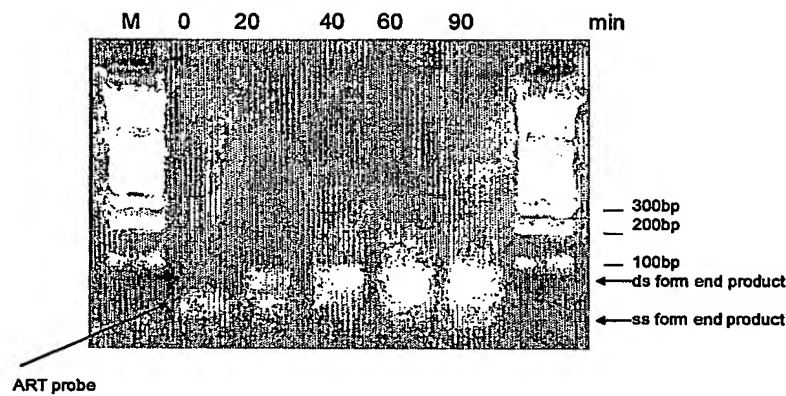
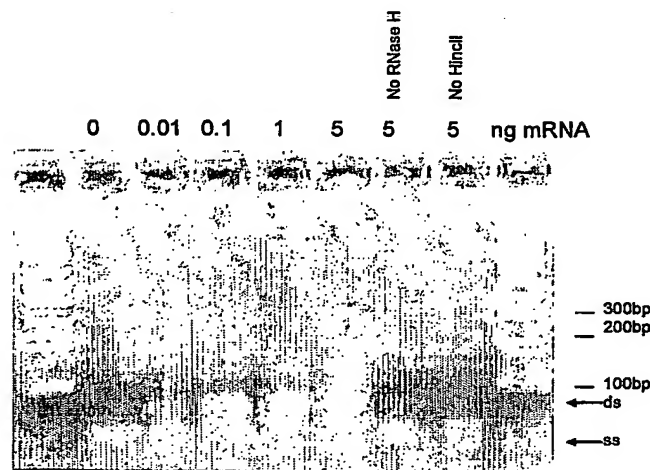


FIG. 12



A



B

17/19

FIG. 13

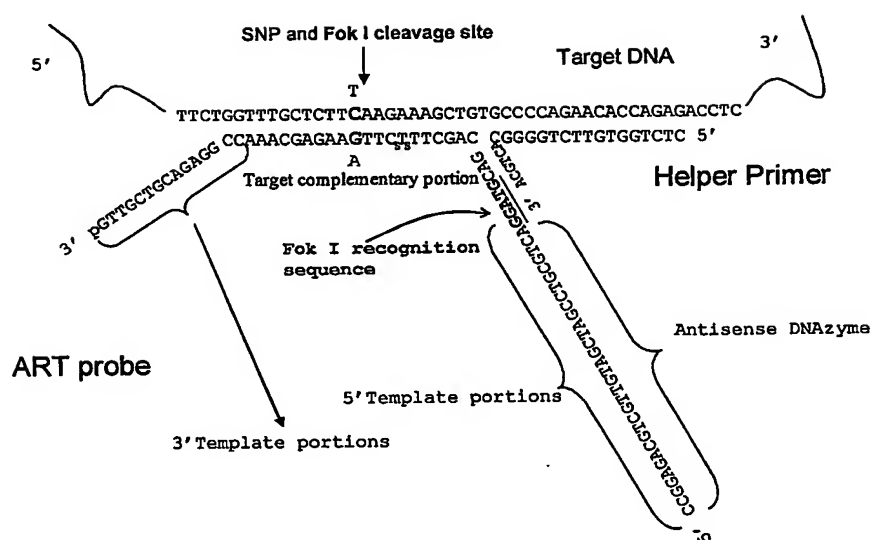
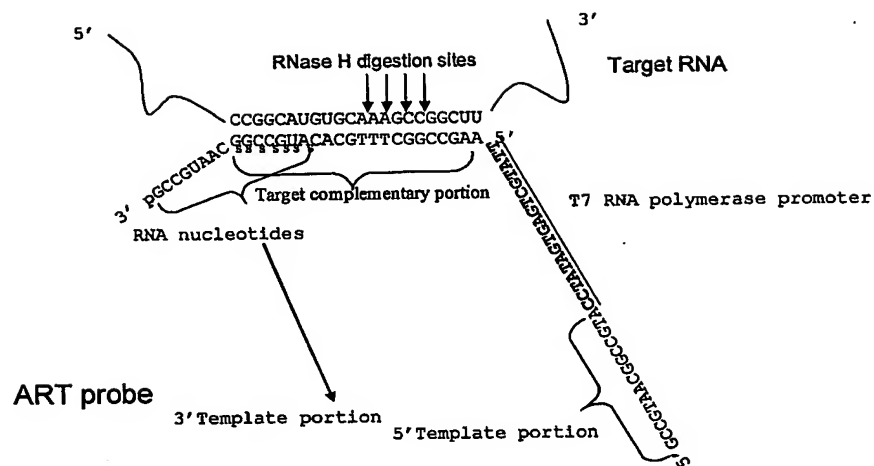


FIG. 14

18/19



19/19

FIG. 15 Circular ART probe

